

LOYAL TECHNOLOGY CO.LTD

Model No: WT203

CIRCUIT DESCRIPTION

Receiver Circuit

The built in wire antenna inductively coupled to mixer and detector transistor Q1. The detector audio is then routed to audio amplifier Q2 , Q3 and Q4 . The output of the audio amplifier coupled to speaker.

Transmitter Circuit

Q5 is the crystal oscillator which is modulated by the output of the audio amplifier Q3, Q3 and Q4. The audio input is now from mic

Power and Ground

Energy is supplied button cell 1.5v x 4pcs LR44 batteries. No external ground connection is provided and what ground that's available is from the printed circuit board.